

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

| APPLICATION FOR PERMIT TO DRILL OR DEEPEN | | |
|---|--|--|
| TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | |
| TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | |
| 2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION, CO. | | Contact: Jan Nelson E-Mail: jan.nelson@questar.com |
| 3. ADDRESS 1571 E. 1700 S. Vernal, Ut 84078 | | Telephone number Phone 435-781-4032 Fax 435-781-4045 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 629796X 1331' FSL 1325' FEL (LOT 20) SECTION 19, T8S, R22E At proposed production zone 4440363Y 40.105452 -109.477144 | | 9. API NUMBER: 43-047-39233 |
| 14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 17 +/- EAST OF OURAY, UTAH | | 10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 1325' +/- | | 11. SEC., T, R, M, OR BLK & SURVEY OR AREA NURSE SEC. 19, T8S, R22E Mer SLB |
| 16. NO. OF ACRES IN LEASE 920.66 | | 12. COUNTY OR PARISH Uintah |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 20 | | 13. STATE UT |
| 18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 547' +/- | | 20. BLM/BIA Bond No. on file ESB000024 |
| 21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4777.1' GR | | 22. DATE WORK WILL START ASAP |
| 23. Estimated duration 90 days | | |
| 24. Attachments | | |

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson Name (printed/typed) Jan Nelson DATE 4-19-07

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-39233

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL ENVIRONMENTAL MANAGER

DATE 04-30-07

*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Federal Approval of this
Action Is Necessary

RECEIVED

APR 23 2007

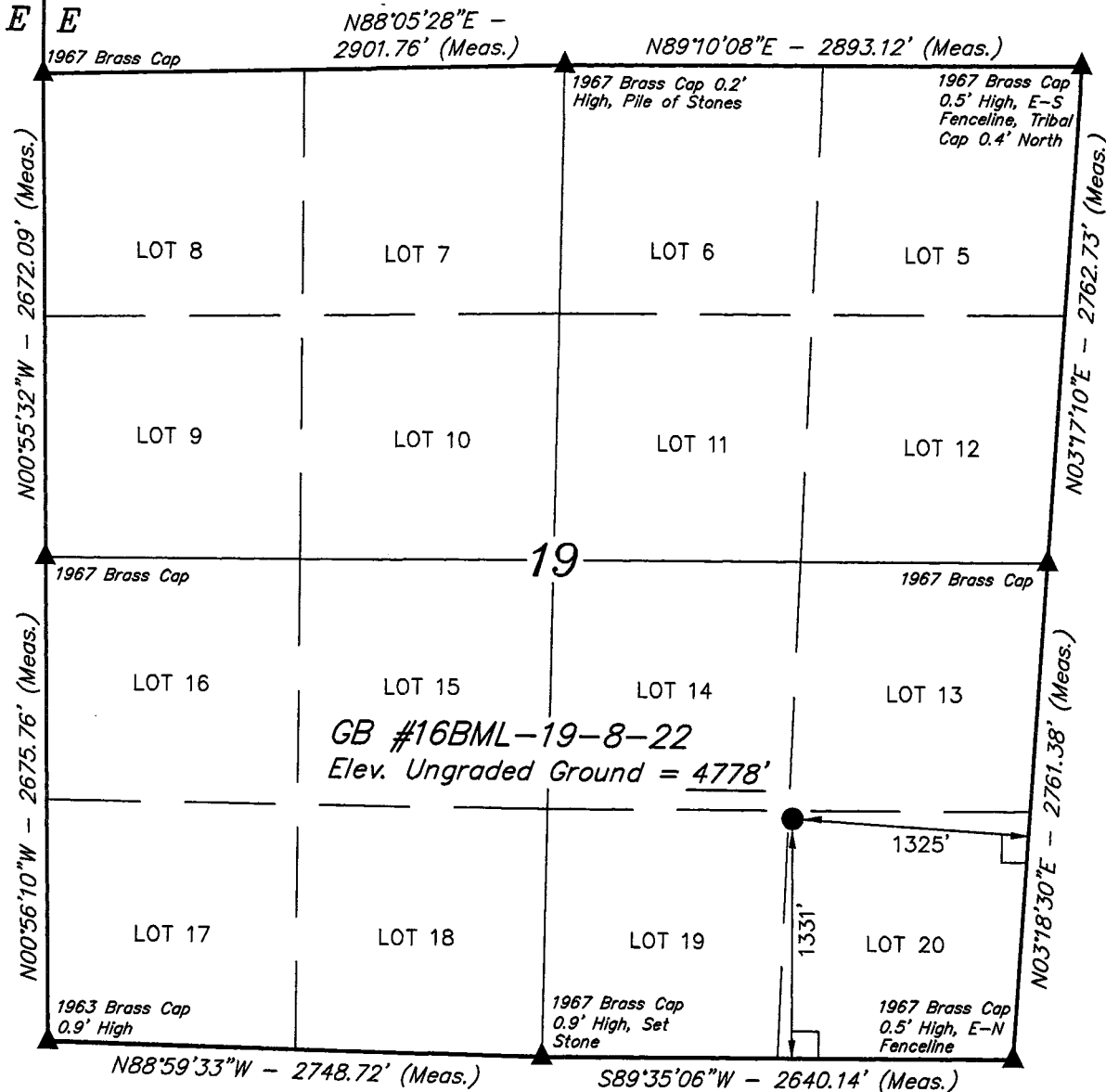
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

R
21
E

R
22
E

T8S, R22E, S.L.B.&M.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°06'19.47" (40.105408)
LONGITUDE = 109°28'40.11" (109.477808)
(NAD 27)
LATITUDE = 40°06'19.60" (40.105444)
LONGITUDE = 109°28'37.64" (109.477122)

QUESTAR EXPLR. & PROD.

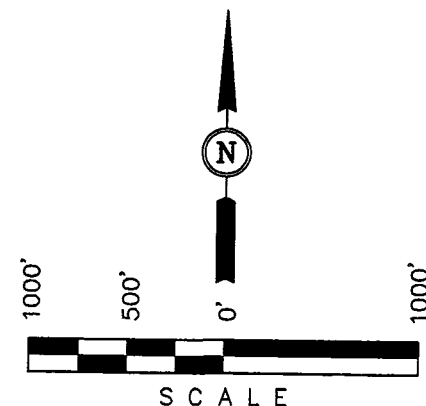
Well location, GB #16BML-19-8-22, located as shown in Lot 20 of Section 19, T8S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

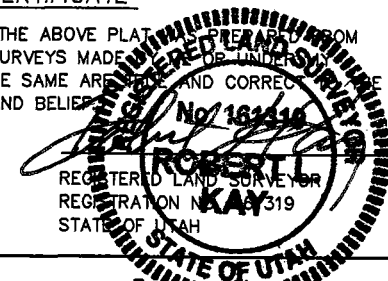
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

| | | |
|-------------------------|--------------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 11-08-06 | DATE DRAWN: 12-01-06 |
| PARTY D.A. A.A. C.H. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE QUESTAR EXPLR. & PROD. | |

Additional Operator Remarks

Questar Explor. & Prod. Co. proposes to drill a well to 16,557' to test the Mancos formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

See Onshore Oil & Gas Order No. 1

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Please be advised that Questar Explor. & Prod. Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is Questar Explor. & Prod. Co. via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Uinta | Surface |
| Green River | 2,302' |
| Wasatch | 5,617' |
| Mesaverde | 8,572' |
| Sego | 10,742' |
| Castlegate | 10,972' |
| Blackhawk | 11,347' |
| Mancos Shale | 11,822' |
| Mancos B | 12,187' |
| Frontier | 14,922' |
| Dakota Silt | 15,797' |
| Dakota | 16,037' |
| Morrison | 16,437' |
| TD | 16,557' |

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
| Gas | Wasatch | 5,617' |
| Gas | Mesaverde | 8,572' |
| Gas | Blackhawk | 11,347' |
| Gas | Mancos Shale | 11,822' |
| Gas | Mancos B | 12,187' |
| Gas | Dakota | 16,037' |

DRILLING PROGRAM

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. **Operator's Specification for Pressure Control Equipment:**

- A. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 7" casing point to total depth. Prior to the 7" casing seat, the BOPE will be tested to 5000 psi due to the 5000 psi wellhead pressure rating exposed to the wellbore. The choice of BOP stacks is based on the drilling contractors availability.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. **Casing Design:**

| Hole Size | Csg. Size | Top (MD) | Bottom (MD) | Wt. | Grade | Thread | Cond. |
|-----------|-----------|----------|-------------|---------------|---------|--------|-------|
| 26" | 20" | Sfc | 40-60' | Steel | Cond. | None | Used |
| 14-3/4" | 10-3/4" | Sfc | 700' | 40.5 | J-55 | LTC | New |
| 8-3/4" | 7" | Sfc | 9000' | 26 | HCP-110 | LTC | New |
| 8-3/4" | 7" | 9000' | 10,900' | 29* SDrift | HCP-110 | LTC | New |
| 6-1/8" | 4-1/2" | sfc | 13,700' | 15.1 | P-110 | LTC | New |
| 6-1/8" | 4-1/2" | 13,700' | 16,557' | 15.1 | Q-125 | LTC | New |

| Casing Strengths: | | | | Collapse | Burst | Tensile (minimum) |
|-------------------|----------|---------|-----|------------|------------|-------------------|
| 40.5" | 40.5 lb. | J-55 | STC | 1,580 psi | 3,130 psi | 420,000 lb. |
| 7" | 26 lb. | HCP-110 | LTC | 7,800 psi | 9,950 psi | 693,000 lb. |
| 7" | 29 lb.* | HCP-110 | LTC | 9,200 psi | 11,220 psi | 797,000 lb. |
| 4-1/2" | 15.1 lb. | P-110 | LTC | 14,350 psi | 14,420 psi | 406,000 lb. |
| 4-1/2" | 15.1 lb. | Q-125 | LTC | 15,840 psi | 16,380 psi | 438,000 lb. |

* **Special Drift**

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot

Maximum anticipated mud weight: 15.4 ppg

Maximum surface treating pressure: 12,500 psi

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

20" Conductor:

Cement to surface with construction cement.

10-3/4" Surface Casing: sfc – 700' (MD)

Slurry: 0' – 700'. 365 sks (430 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl₂
Slurry wt: 15.6 ppg, slurry yield: 1.20 ft³/sk, slurry volume: 12 1/4" hole + 100% excess.

7" Intermediate Casing: sfc - 10,900' (MD)

Foamed Lead Slurry 2: 5,500' – 10,500'. 762 sks (1127 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesalant 2000 foamer.
Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft³/sk, Slurry yield foamed: 1.96 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess.

Tail Slurry: 10,500' – 10,900'. 61 sks (90.21 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess.

4-1/2" Production Casing: sfc - 16,557' (MD)

Lead/Tail Slurry: 5,500 - 16,557'. 794 sks (1302 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft³/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

DRILLING PROGRAM

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 9900 psi. Maximum anticipated bottom hole temperature is 310° F.

9. **Surface Owner**

The well pad and access road are located on lands owned by the Ute Tribe.

DRILLING PROGRAM

Purpose:

Either an 11" 10,000 psi stack or an 13-5/8" 10,000 psi stack will be used for well control in the slim hole environment.

BOP Requirements:

11" Rotating Head

11" 5M Spacer Spool

11" 10M Annular

11" 10M Double Ram

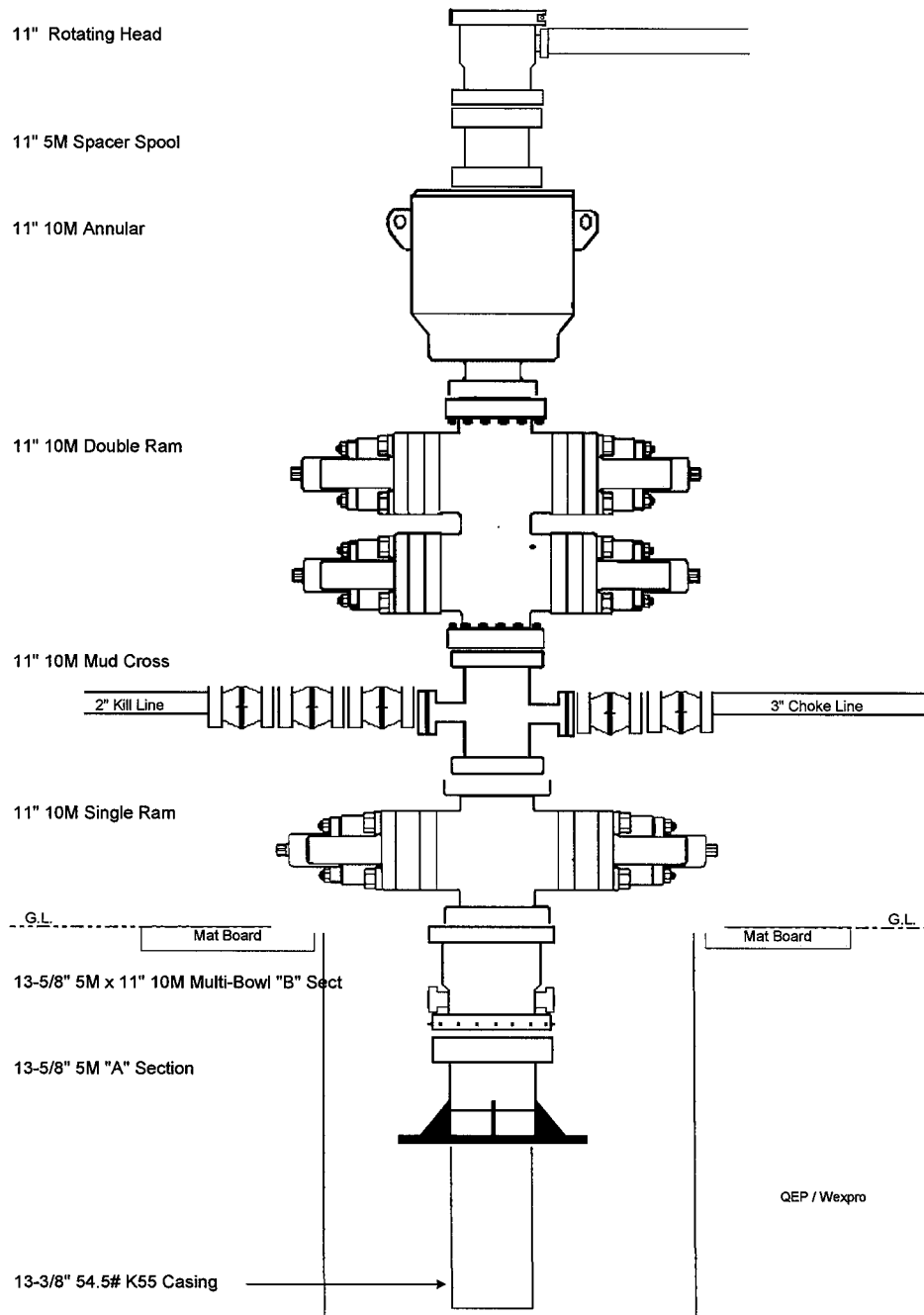
11" 10M Mud Cross

11" 10M Single Ram

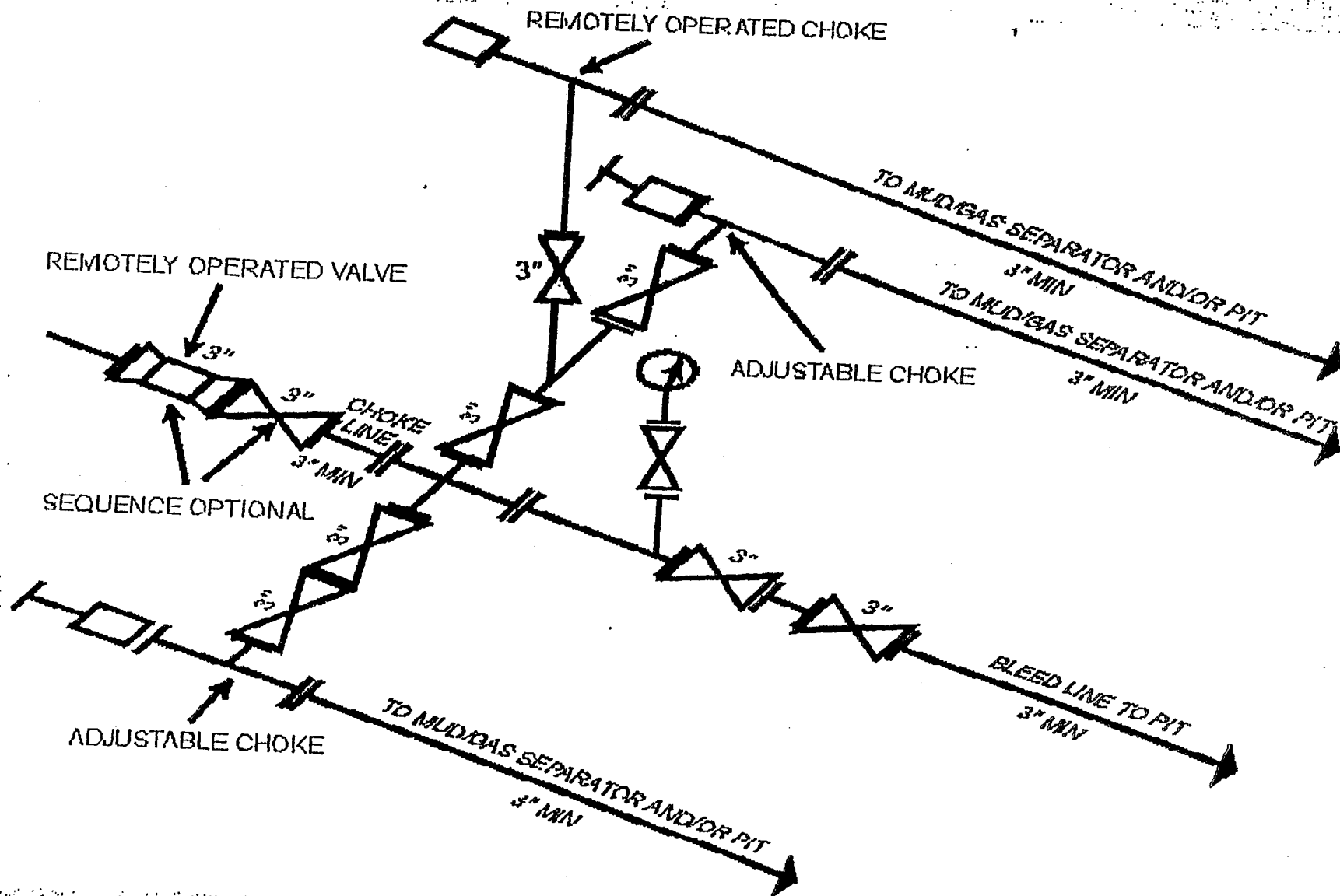
13-5/8" 5M x 11" 10M Multi-Bowl "B" Sect

13-5/8" 5M "A" Section

13-3/8" 54.5# K55 Casing



Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

QUESTAR EXPLORATION & PRODUCTION, CO.
GB 16BML-19-8-22
1331' FSL 1325' FEL
(LOT 20) SECTION 19, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-9617

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 17 miles east of Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing road.

2. **Planned Access Roads:**

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

Pipeline will be 6" or smaller.

5. **Location and Type of Water Supply:**

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

7. Methods of Handling Waste Materials:

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

8. Ancillary Facilities:

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Plans for Reclamation of the Surface:

Please see Questar Explor. & Prod. Co. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Interim Reclamation

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the success of reclamation.

Seed Mix:

Interim Reclamation:

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Threadgrass

Final Reclamation:

Seed Mix # 1 3 lbs. Fourwing Saltbush, 4lbs. Hycrest Crested Wheat Grass, 3 lbs. Indian Rice Grass,
1 lbs. Needle & Threadgrass

11. **Surface Ownership:**

Ute Tribe
P.O. BOX 70
Fort Duchesne, UT 84026
(435) 725-4950

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
Questar Exploration & Production, Co.
1571 East 1700 South
Vernal, Utah 84078
(435) 781-4032

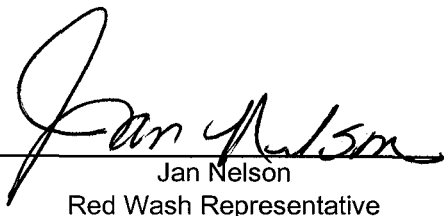
Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Questar Explor. & Prod. Co. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Questar Explor. & Prod. Co. it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jan Nelson
Red Wash Representative

19-Apr-07

Date

QUESTAR EXPLR. & PROD.

GB #16BML-19-8-22

LOCATED IN UINTAH COUNTY, UTAH
SECTION 19, T8S, R22E, S.L.B.&M.

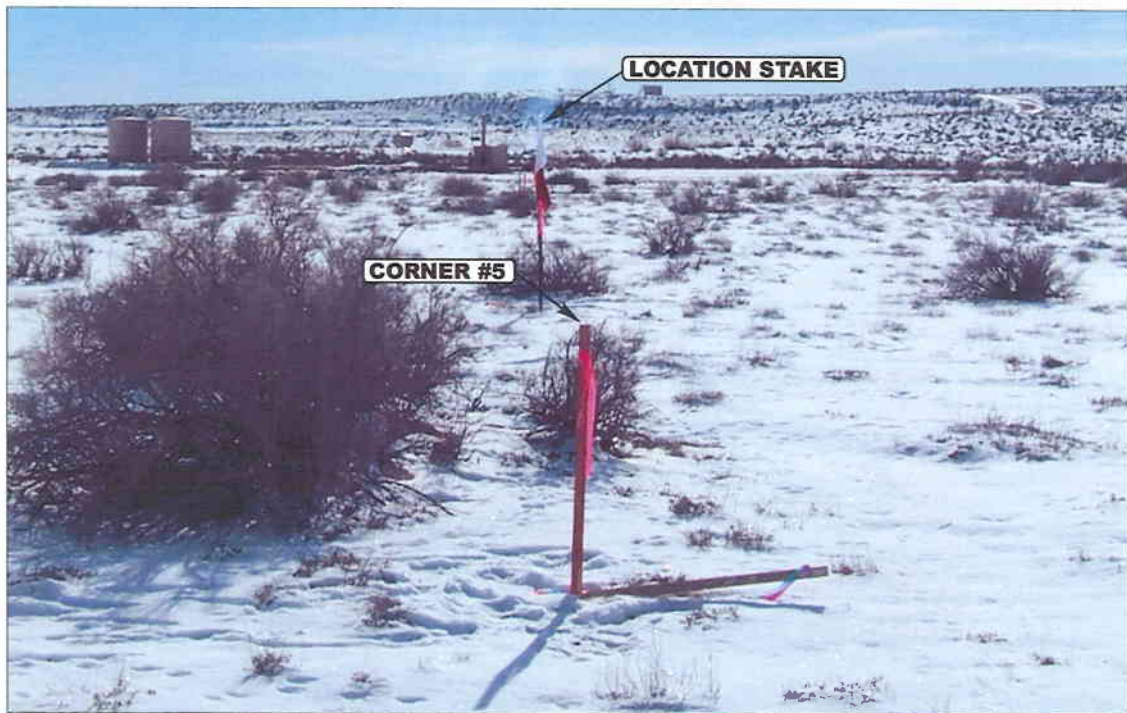


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12 **01** **06**
MONTH DAY YEAR

PHOTO

TAKEN BY: D.A.

DRAWN BY: L.K.

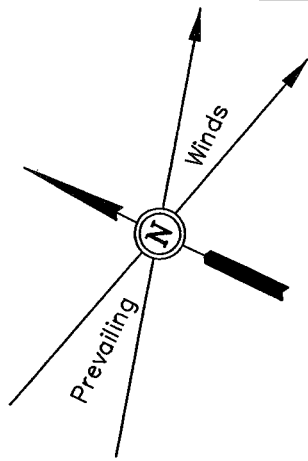
REVISED: 00-00-00

QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

GB #16BML-19-8-22
SECTION 19, T8S, R22E, S.L.B.&M.
1331' FSL 1325' FEL

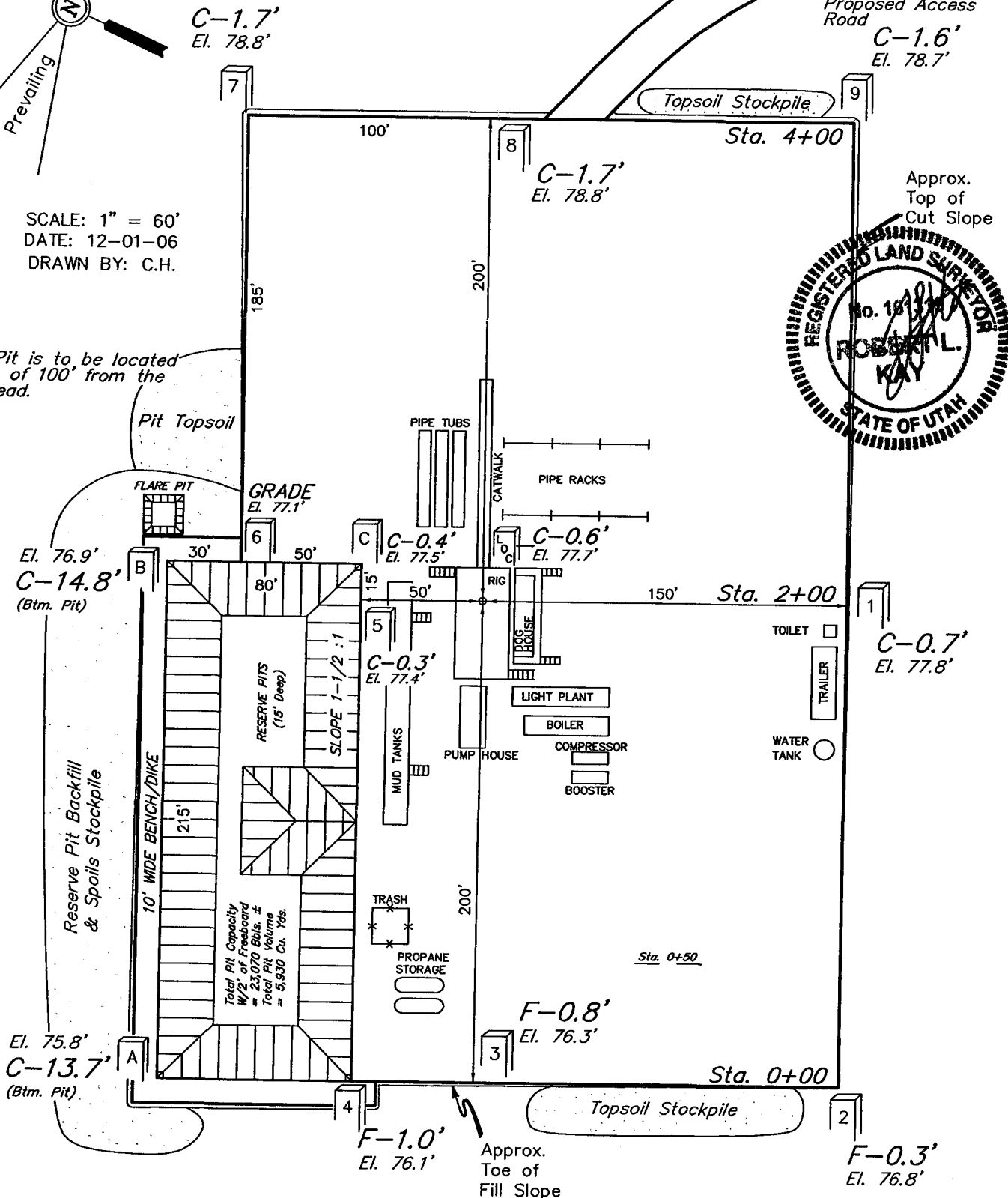
FIGURE #1



SCALE: 1" = 60'
DATE: 12-01-06
DRAWN BY: C.H.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4777.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 4777.1'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

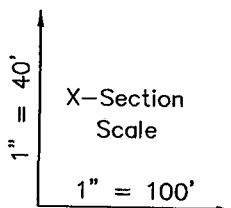
TYPICAL CROSS SECTIONS FOR

GB #16BML-19-8-22

SECTION 19, T8S, R22E, S.L.B.&M.

1331' FSL 1325' FEL

FIGURE #2



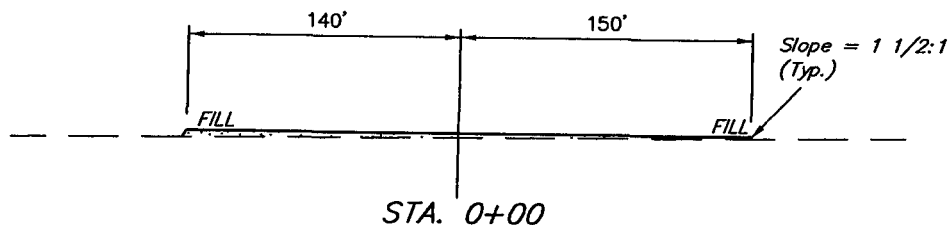
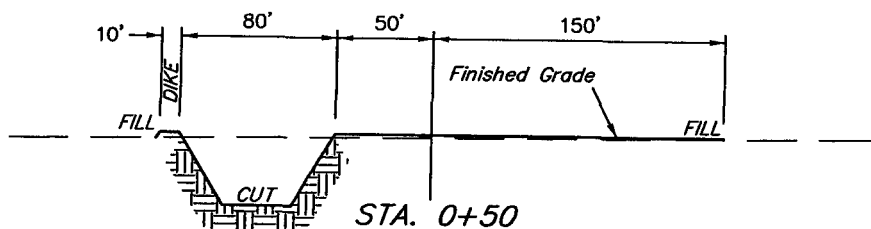
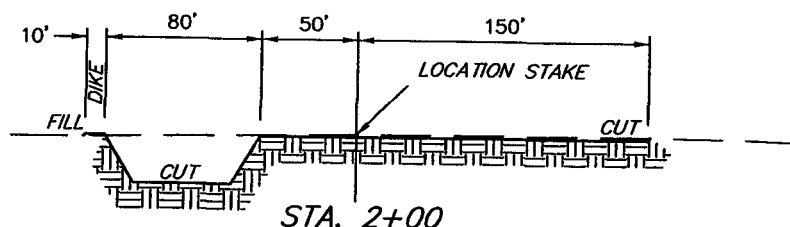
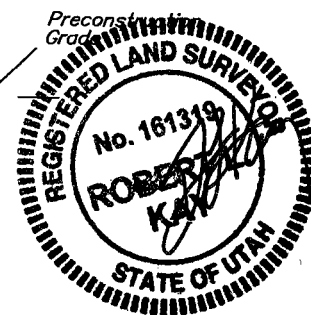
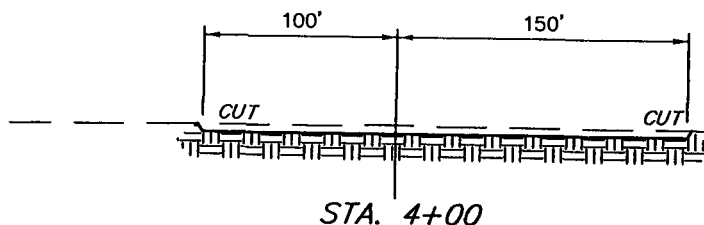
DATE: 12-01-06
DRAWN BY: C.H.

WELL SITE DISTURBANCE = ± 2.569 ACRES

ACCESS ROAD DISTURBANCE = ± 0.292 ACRES

PIPELINE DISTURBANCE = ± 0.384 ACRES

TOTAL = ± 3.245 ACRES



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

| | |
|-------------------------|------------------------|
| CUT | |
| (12") Topsoil Stripping | = 4,270 Cu. Yds. |
| Remaining Location | = 5,300 Cu. Yds. |
| TOTAL CUT | = 9,570 CU.YDS. |
| FILL | = 2,330 CU.YDS. |

| | |
|---|------------------|
| EXCESS MATERIAL | = 7,240 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = 7,240 Cu. Yds. |
| EXCESS UNBALANCE (After Interim Rehabilitation) | = 0 Cu. Yds. |

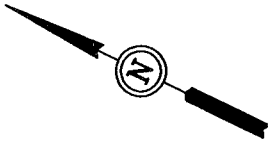
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

INTERIM RECLAMATION PLAN FOR

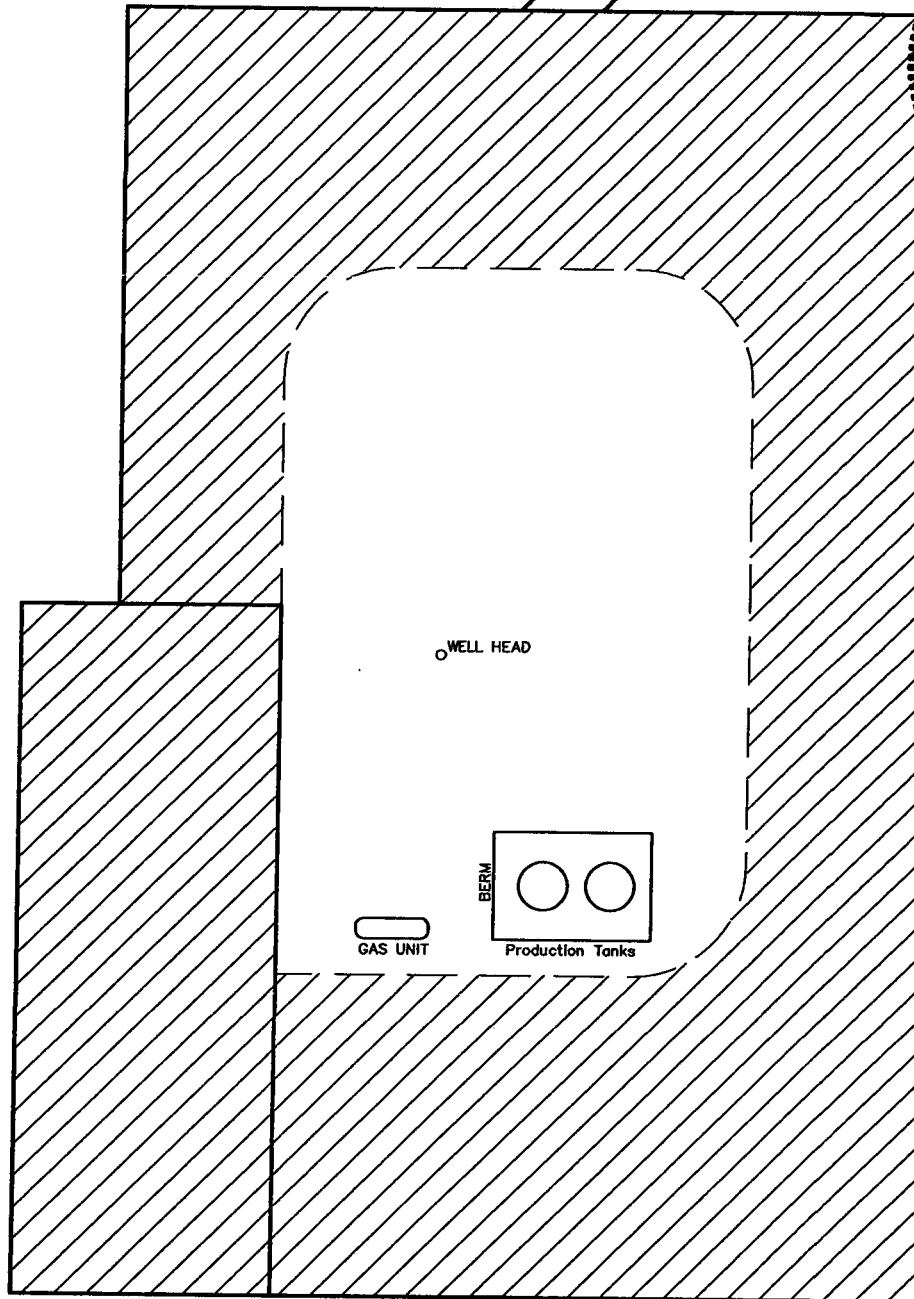
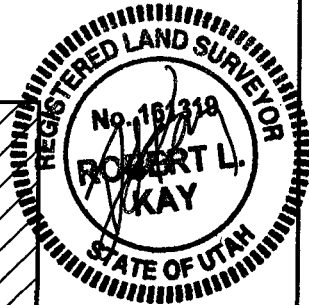
GB #16BML-19-8-22
SECTION 19, T8S, R22E, S.L.B.&M.
1331' FSL 1325' FEL

FIGURE #3



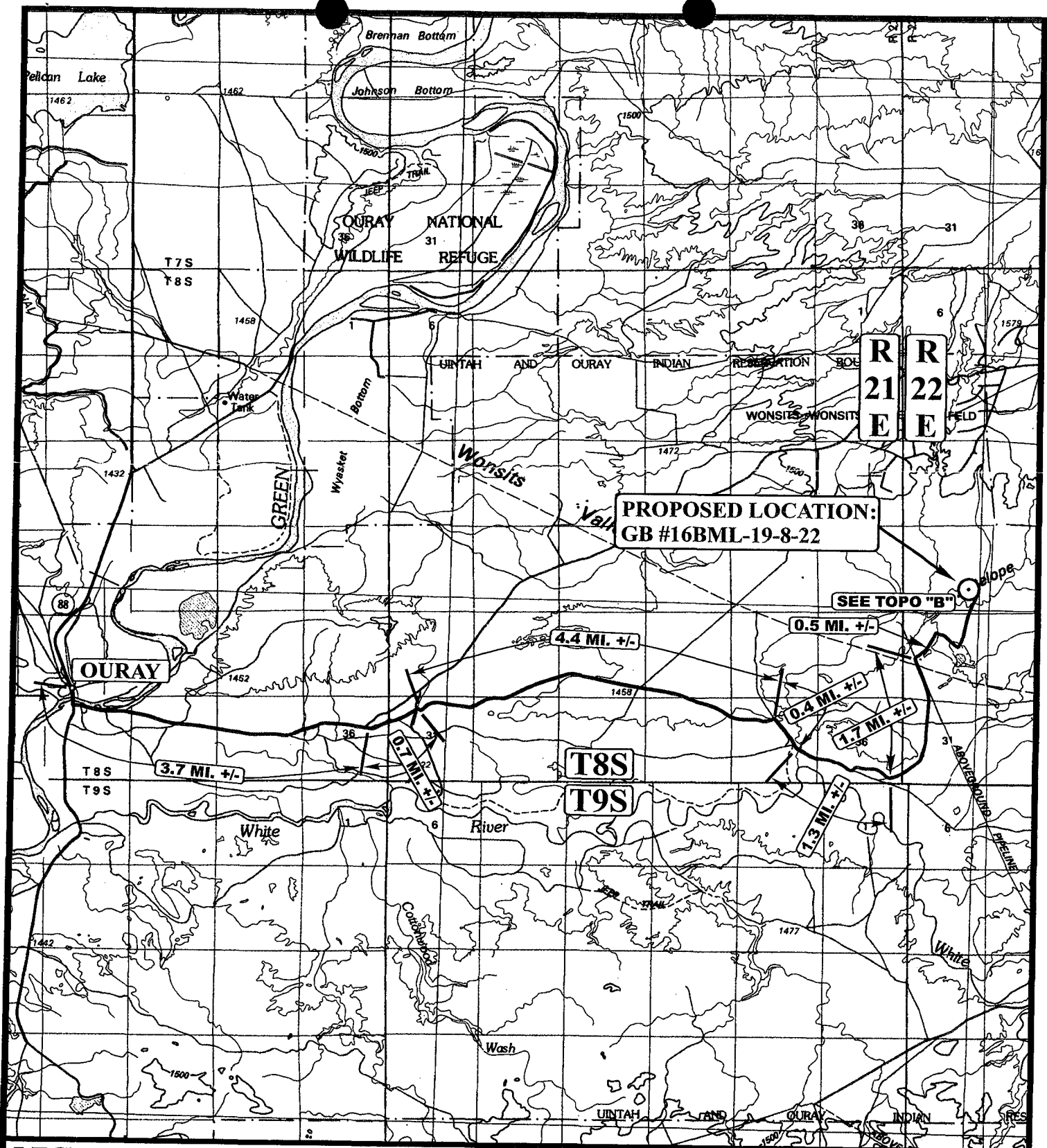
SCALE: 1" = 60'
DATE: 12-01-06
DRAWN BY: C.H.

Proposed Access Road



 INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



QUESTAR EXPLR. & PROD.

GB #16BML-19-8-22
SECTION 19, T8S, R22E, S.L.B.&M.
1331' FSL 1325' FEL



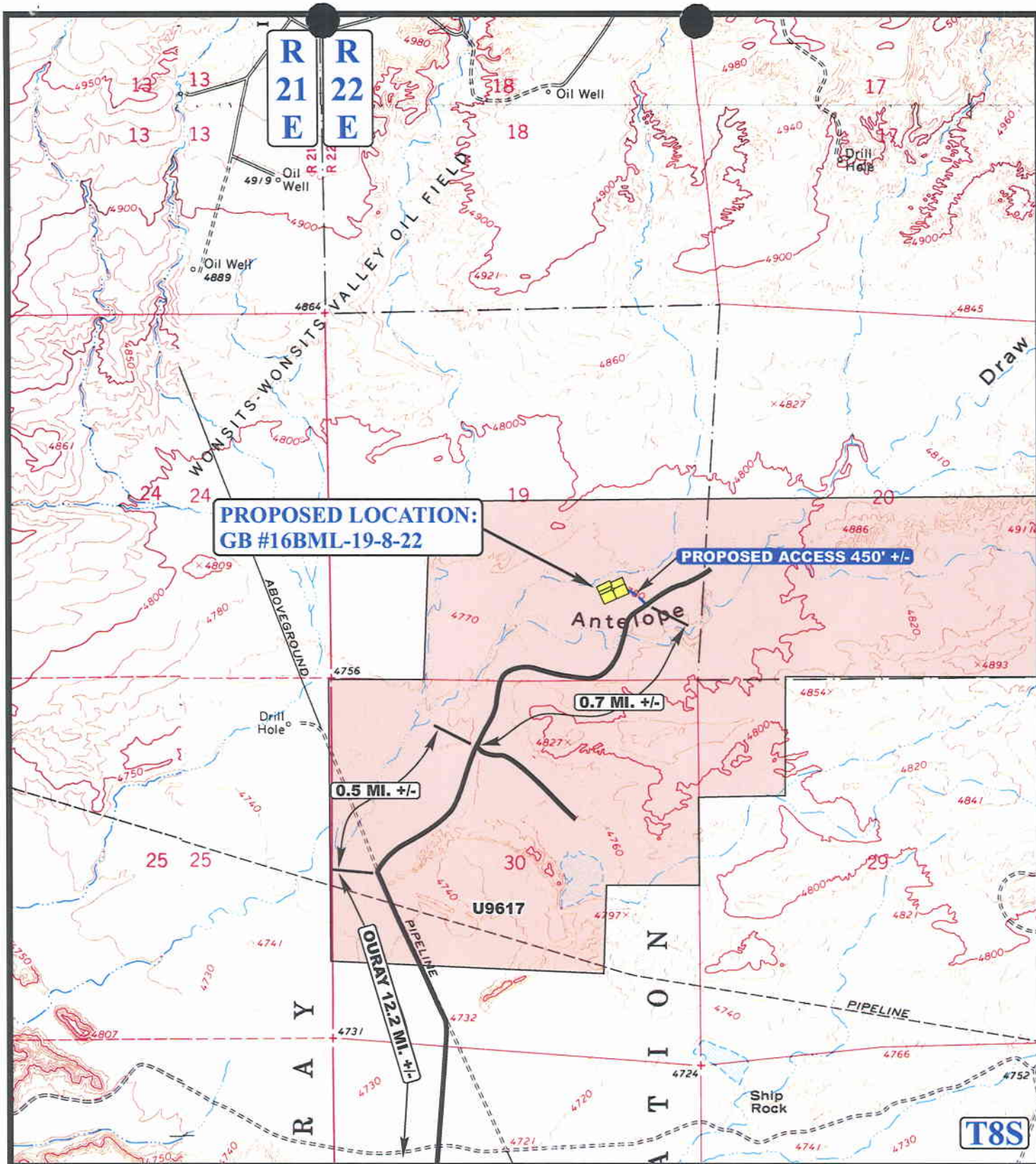
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

12 01 06
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00





LEGEND:

— EXISTING ROAD
- - - PROPOSED ACCESS ROAD

QUESTAR EXPLR. & PROD.

GB #16BML-19-8-22
SECTION 19, T8S, R22E, S.L.B.&M.
1331' FSL 1325' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



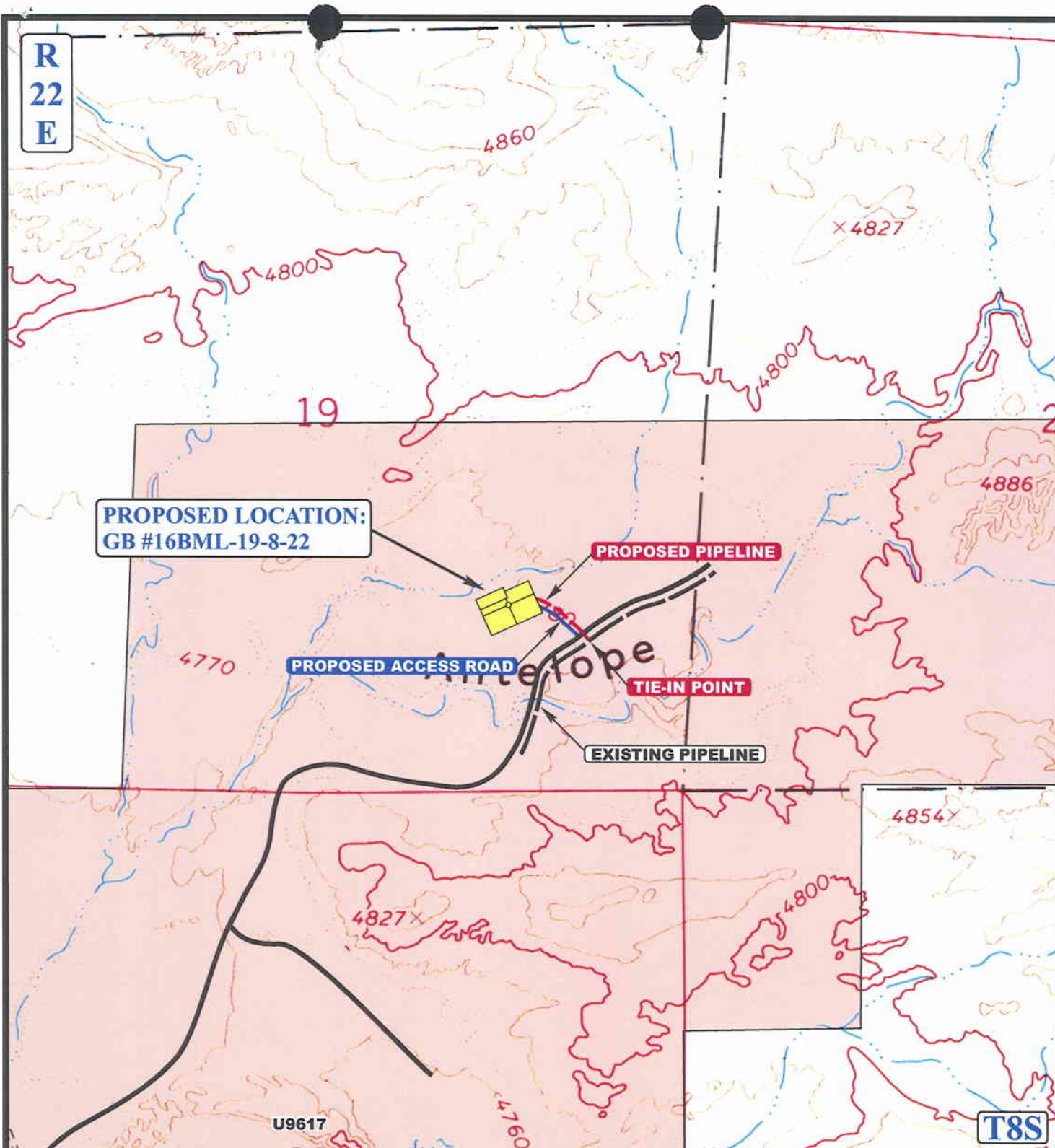
TOPOGRAPHIC
MAP

12 01 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00

B
TOPO

R
22
E



PROPOSED LOCATION:
GB #16BML-19-8-22

PROPOSED PIPELINE

PROPOSED ACCESS ROAD

TIE-IN POINT

EXISTING PIPELINE

APPROXIMATE TOTAL PIPELINE DISTANCE = 580' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



QUESTAR EXPLR. & PROD.

GB #16BML-19-8-22
SECTION 19, T8S, R22E, S.L.B.&M.
1331' FSL 1325' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

12 01 06
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00

D
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/23/2007

API NO. ASSIGNED: 43-047-39233

WELL NAME: GB 16BML-19-8-22

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 435-781-4032

CONTACT: JAN NELSON

PROPOSED LOCATION:

NWSE 19 080S 220E

SURFACE: 1331 FSL 1325 FEL

BOTTOM: 1331 FSL 1325 FEL

COUNTY: Uintah

LATITUDE: 40.10545 LONGITUDE: -109.4771

UTM SURF EASTINGS: 629796 NORTHINGS: 4440363

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-9617

PROPOSED FORMATION: MNCS

SURFACE OWNER: 2 - Indian

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 49-2153)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

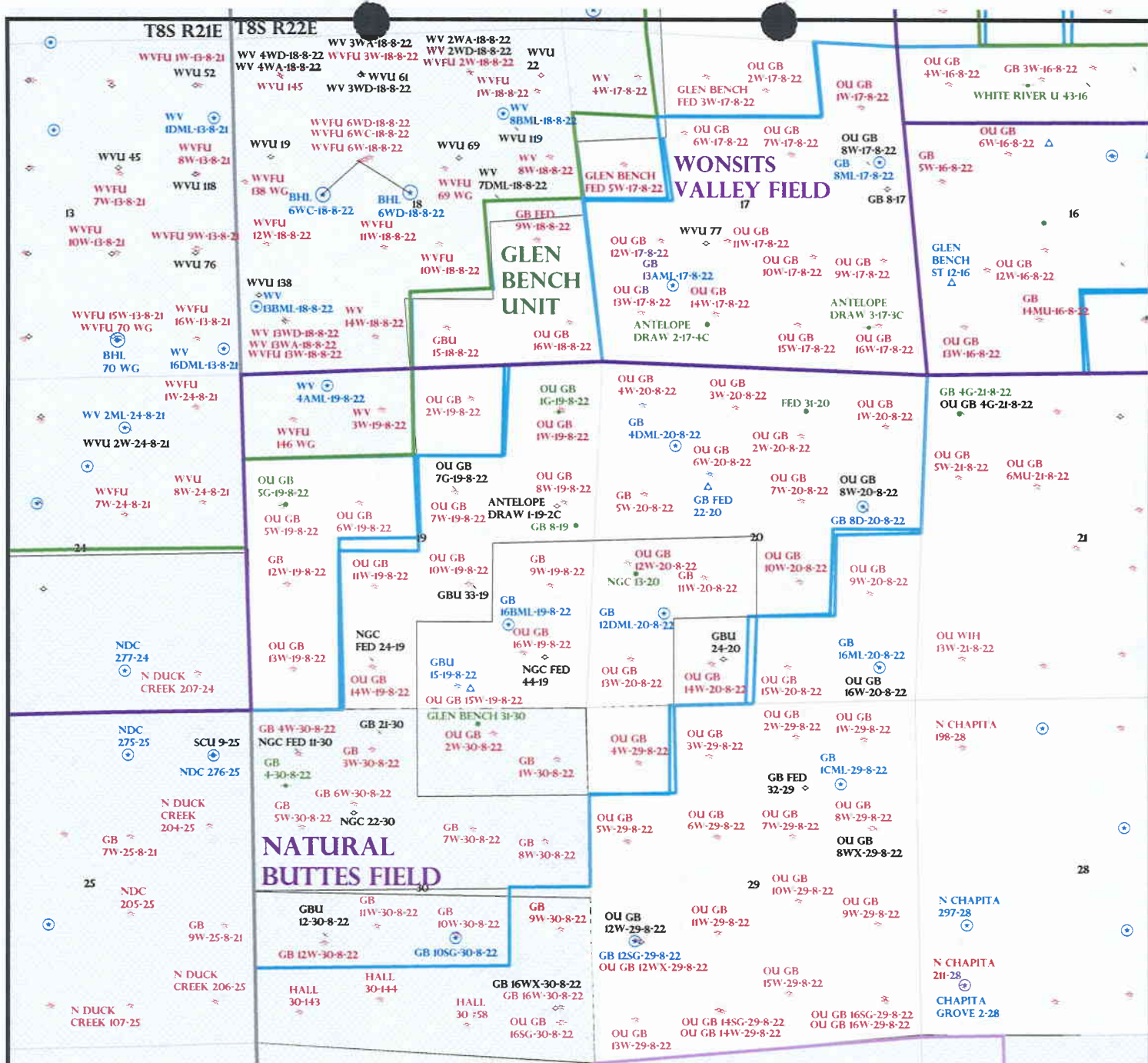
___ R649-2-3. ** Non PA*
Unit: GLEN BENCH
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 187-09
Eff Date: 11-29-06
Siting: 20 ACRE
___ R649-3-11. Directional Drill

COMMENTS:

Sop, Separat file

STIPULATIONS:

*1. Federal Approval
2. Spacing Unit*



OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 19,20 T.8S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status

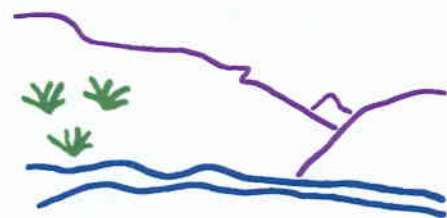
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 26-APRIL-2007



Questar Exploration and Production Company

11002 East 17500 South

Vernal, UT 84078

Tel 435 781 4300 • Fax 435 781 4329

April 30, 2007

Division of Oil, Gas & Mining
1594 W. N. Temple STE 1210
Salt Lake City, UT 84114-5801

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 Questar Exploration & Production, Co. *GB 13AML-17-8-22, GB 16BML-19-8-22, GB 4DML-20-8-22, GB 12DML-20-8-22, GB 1CML-29-8-22, SG 11BML-23-8-22 and SG 12DML-23-8-22* is an exception to this rule due to cause 187-09. These wells will be drilled on 20 acre spacing.

There are no additional lease owners within 460' of the proposed location. If you have any questions please contact Jan Nelson @ (435) 781-4032 or Cory Miller @ 303-672-6944.

Thank you,

A handwritten signature in cursive script that reads "Jan Nelson".

Jan Nelson
Regulatory Affairs



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 30, 2007

Questar Exploration & Production, Co.
1571 E 1700 S
Vernal, UT 84078

Re: Glen Bench 16BML-19-8-22 Well, 1331' FSL, 1325' FEL, NW SE, Sec. 19,
T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39233.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Questar Exploration & Production, Co.

Well Name & Number Glen Bench 16BML-19-8-22

API Number: 43-047-39233

Lease: UTU-9617

Location: NW SE **Sec.** 19 **T.** 8 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-9617 |
| 2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| 3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 | | 7. UNIT or CA AGREEMENT NAME: GLEN BENCH |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1331' FSL 1325' FEL LOT 20 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 19 8S 22E | | 8. WELL NAME and NUMBER: GB 16BML-19-8-22 |
| PHONE NUMBER: (435) 781-4301 | | 9. API NUMBER: 4304739233 |
| | | 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES |
| | | COUNTY: UINTAH |
| | | STATE: UTAH |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|---|---|---|---|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Questar Exploration & Production Co. hereby requests a 1 year extension on the GB 16BML-19-8-22.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-24-08
By: [Signature]

COPY SENT TO OPERATOR

Date: 4-28-2008

Initials: KS

| | |
|--|---|
| NAME (PLEASE PRINT) <u>Laura Bills</u> | TITLE <u>Associate Regulatory Affairs Analyst</u> |
| SIGNATURE <u>[Signature]</u> | DATE <u>4/23/2008</u> |

(This space for State use only)

RECEIVED
APR 24 2008 CONFIDENTIAL

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39233
Well Name: GB 16BML-19-8-22
Location: 1331' FSL 1325' FEL, LOT 20, SEC. 19, T8S, R22E
Company Permit Issued to: Questar Exploration & Production Co.
Date Original Permit Issued: 4/30/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Anna Bills
Signature

4/23/2008
Date

Title: Associate Regulatory Affairs Analyst

Representing: Questar Exploration & Production Co.

RECEIVED

APR 24 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-9617 |
| 2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| 3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 | | 7. UNIT or CA AGREEMENT NAME: GLEN BENCH |
| PHONE NUMBER: (435) 781-4301 | | 8. WELL NAME and NUMBER: GB 16BML-19-8-22 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1331' FSL 1325' FEL LOT 20 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 19 8S 22E | | 9. API NUMBER: 4304739233 |
| | | 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES |
| | | COUNTY: UINTAH STATE: UTAH |

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
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| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION</u> |
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Questar Exploration & Production Co. hereby requests a 1 year extension on the GB 16BML-19-8-22.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-27-09
By: [Signature]

COPY SENT TO OPERATOR

Date: 4-28-2009
Initials: KS

| | |
|--|---|
| NAME (PLEASE PRINT) <u>Laura Bills</u> | TITLE <u>Associate Regulatory Affairs Analyst</u> |
| SIGNATURE <u>[Signature]</u> | DATE <u>4/20/2009</u> |

(This space for State use only)

RECEIVED

APR 23 2009

CONFIDENTIAL

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39233
Well Name: GB 16BML-19-8-22
Location: 1331' FSL 1325' FEL, LOT 20, SEC. 19, T8S, R22E
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Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Shawna Bills
Signature

4/20/2009
Date

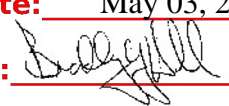
Title: Associate Regulatory Affairs Analyst

Representing: Questar Exploration & Production Co.

RECEIVED

APR 23 2009

DIV. OF OIL, GAS & MINING

| | | |
|---|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-9617 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE |
| 2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO | | 7. UNIT or CA AGREEMENT NAME: GLEN BENCH ENH REC |
| 3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, UT, 84078 | | 8. WELL NAME and NUMBER: GB 16BML-19-8-22 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1331 FSL 1325 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 08.0S Range: 22.0E Meridian: S | | 9. API NUMBER: 43047392330000 |
| PHONE NUMBER: 435 781-4362 Ext | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/30/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Questar Exploration and Production Company hereby requests a one year extension for the APD on the above captioned well. | | |
| Approved by the Utah Division of Oil, Gas and Mining Date: May 03, 2010 By:  | | |
| NAME (PLEASE PRINT) Jan Nelson | | PHONE NUMBER 435 781-4331 |
| SIGNATURE N/A | | TITLE Permit Agent |
| DATE 4/28/2010 | | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047392330000

API: 43047392330000

Well Name: GB 16BML-19-8-22

Location: 1331 FSL 1325 FEL QTR NWSE SEC 19 TWP 080S RNG 220E MER S

Company Permit Issued to: QUESTAR EXPLORATION & PRODUCTION CO

Date Original Permit Issued: 4/30/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Jan Nelson

Date: 4/28/2010

Title: Permit Agent **Representing:** QUESTAR EXPLORATION & PRODUCTION CO

Date: May 03, 2010

By: 

RECEIVED April 28, 2010

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010**FROM: (Old Operator):**

N5085-Questar Exploration and Production Company
1050 17th St, Suite 500
Denver, CO 80265

Phone: 1 (303) 308-3048

TO: (New Operator):

N3700-QEP Energy Company
1050 17th St, Suite 500
Denver, CO 80265

Phone: 1 (303) 308-3048

CA No.**Unit:****GLEN BENCH ENH REC**

| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
See attached

7. UNIT or CA AGREEMENT NAME:
See attached

8. WELL NAME and NUMBER:
See attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See attached

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Questar Exploration and Production Company *N5085*

3. ADDRESS OF OPERATOR:
1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265

PHONE NUMBER:
(303) 672-6900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u> | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ } *965010695*

BIA Bond Number: ~~789446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson

TITLE Regulatory Affairs Analyst

SIGNATURE

Morgan Anderson

DATE 6/23/2010

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED *6/13/2010*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
GLEN BENCH ENH REC
effective June 14, 2010

| well_name | sec | tpw | rng | api | entity | mineral lease | type | stat | C |
|------------------|-----|------|------|------------|--------|------------------|------|------|---|
| GLEN BENCH 31-30 | 30 | 080S | 220E | 4304731008 | 13727 | Federal | OW | P | |
| WR 43-16 | 16 | 080S | 220E | 4304731354 | 5170 | State | OW | P | |
| GB 13-20 | 20 | 080S | 220E | 4304731355 | 13727 | Federal | OW | S | |
| GB 45-16 | 16 | 080S | 220E | 4304731399 | 13727 | State | OW | P | |
| GB 31-20 | 20 | 080S | 220E | 4304731433 | 13727 | Federal | OW | P | |
| GB 2-17 | 17 | 080S | 220E | 4304731555 | 13727 | Federal | OW | P | |
| GB 3-17 | 17 | 080S | 220E | 4304731556 | 13727 | Federal | OW | TA | |
| GB 8-19 | 19 | 080S | 220E | 4304732476 | 13727 | Federal | OW | P | |
| GB 4-30-8-22 | 30 | 080S | 220E | 4304732755 | 13727 | Federal | OW | S | |
| GB 11-16-8-22 | 16 | 080S | 220E | 4304732857 | 13727 | State | OW | P | |
| GB 1MU-16-8-22 | 16 | 080S | 220E | 4304734656 | 14251 | State | GW | P | |
| OU GB 7W-16-8-22 | 16 | 080S | 220E | 4304734659 | 13747 | State | GW | P | |
| OU GB 1G-19-8-22 | 19 | 080S | 220E | 4304734696 | 13727 | Federal | OW | P | |
| GB 2ML-30-8-22 | 30 | 080S | 220E | 4304735080 | 14816 | Federal | GW | P | |
| GB 8D-20-8-22 | 20 | 080S | 220E | 4304737665 | 15977 | Federal | GW | P | |
| GB 13AML-17-8-22 | 17 | 080S | 220E | 4304739227 | | Federal | GW | APD | C |
| GB 4DML-20-8-22 | 20 | 080S | 220E | 4304739228 | | Federal | GW | APD | C |
| GB 12DML-20-8-22 | 20 | 080S | 220E | 4304739229 | | Federal | GW | APD | C |
| GB 16BML-19-8-22 | 19 | 080S | 220E | 4304739233 | | Federal | GW | APD | C |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office
From: Chief, Branch of Minerals *Roger L Bankert*
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERAL



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 15, 2010

Valyn Davis
Questar Exploration & Production Co.
11002 E. 17500 S.
Vernal, Utah 84078

43 047 39233
GB 16BML-19-8-22
8S 22E 19

Re: APDs Rescinded for Questar Exploration & Production Company
Uintah County


Dear Ms. Davis:

Enclosed find the list of APDs that are being rescinded per your request to Questar Exploration & Production Company. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective December 8, 2010.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal



| | |
|--------------------------|--------------|
| FR 12P-20-14-20 | 43-047-39808 |
| FR 2P-21-14-20 | 43-047-40200 |
| FR 2P-20-14-20 | 43-047-40053 |
| FR 15P-21-14-20 | 43-047-39815 |
| FR 8P-21-14-20 | 43-047-39812 |
| FR 3P-21-14-20 | 43-047-39810 |
| FR 11P-20-14-20 | 43-047-39587 |
| FR 11P-21-14-20 | 43-047-40366 |
| WV 11-23-8-21 | 43-047-40303 |
| WVX 4MU-17-8-21 | 43-047-38190 |
| WVX 1MU-17-8-21 | 43-047-38156 |
| GLEN BENCH 1CML-29-8-22 | 43-047-39232 |
| GLEN BENCH 16BML-19-8-22 | 43-047-39233 |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



JAN 20 2011

IN REPLY REFER TO:

3160 (UTG011)

Jan Nelson
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

Re: **43 047 31233**
Request to Return APD
Well No. GB 16BML-19-8-22
Lot 20, Sec. 19, T8S, R22E
Uintah County, Utah
Lease No. UTU-9617

Dear Ms. Nelson:

The Application for Permit to Drill (APD) for the above referenced well received in this office on April 20, 2007, is being returned unapproved per your request to this office in a hand delivered letter received on December 9, 2010. The letter stated that QEP Energy Company would like to rescind the attached list of APDs. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Cindy Severson at (435) 781-4455.

Sincerely,

James H. Sparger
Acting Assistant Field Manager
Lands & Mineral Resources

Enclosures

cc: UDOGM

RECEIVED

FEB 01 2011

DIV. OF OIL, GAS & MINING